CRF Errors Corrected by the STIC Systems Branch

0500

Serial Numb r: 08/658,699

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☑ Inserted mandatory headings, specifically: <220> feature (Seqs. #2 and 4)
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 09/27/2000
PATENT APPLICATION: US/09/658,699 TIME: 09:59:25

Input Set : A:\Cpg.pto
Output Set: N:\CRF3\09272000\I658699.raw

<110> APPLICANT: De Waal Malefyt, Rene
Kastelein, Robert A.
Lira, Sergio A.
Narula, Satwant
Oppmann, Birgit
Rennick, Donna M.
Wiekowski, Maria
<120> TITLE OF INVENTION: Mammalian Cytokines; Related Reagents and Methods
<130> FILE REFERENCE: DX01042X US
C--> <140> CURRENT APPLICATION NUMBER: US/09/658,699
C--> <141> CURRENT FILING DATE: 2000-09-08
<150> PRIOR APPLICATION NUMBER: 09/393,090
<151> PRIOR FILING DATE: 1999-09-09
<150> PRIOR APPLICATION NUMBER: 60/164,616
<151> PRIOR FILING DATE: 1999-11-10
<160> NUMBER OF SEQ ID NOS: 5
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<210> SEQ ID NO: 1
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<220> FEATURE:
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gct cag ggc aga gct gtg cct ggg ggc agc agc cct gcc tgg act cag   96
Ala Gln Gly Arg Ala Val Pro Gly Gly Ser Ser Pro Ala Trp Thr Gln
 -5              -1   1                   5                  10
tgc cag cag ctt tca cag aag ctc tgc aca ctg gcc tgg agt gca cat   144
Cys Gln Gln Leu Ser Gln Lys Leu Cys Thr Leu Ala Trp Ser Ala His
            15                  20                  25
cca cta gtg gga cac atg gat cta aga gaa gag gga gat gaa gag act   192
Pro Leu Val Gly His Met Asp Leu Arg Glu Glu Gly Asp Glu Glu Thr
        30                  35                  40
aca aat gat gtt ccc cat atc cag tgt gga gat ggc tgt gac ccc caa   240
Thr Asn Asp Val Pro His Ile Gln Cys Gly Asp Gly Cys Asp Pro Gln
    45                  50                  55
gga ctc agg gac aac agt cag ttc tgc ttg caa agg atc cac cag ggt   288
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RAW SEQUENCE LISTING DATE: 09/27/2000
PATENT APPLICATION: US/09/658,699 TIME: 09:59:26

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71 Leu Ile Phe Tyr Glu Lys Leu Leu Gly Ser Asp Ile Phe Thr Gly Glu
72                  80                  85                  90
74 cct tct ctg ctc cct gat agc cct gtg gcg cag ctt cat gcc tcc cta   384
75 Pro Ser Leu Leu Pro Asp Ser Pro Val Ala Gln Leu His Ala Ser Leu
76                  95                 100                 105
78 ctg ggc ctc agc caa ctc ctg cag cct gag ggt cac cac tgg gag act   432
79 Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Gly His His Trp Glu Thr
80          110                 115                 120
82 cag cag att cca agc ctc agt ccc agc cag cca tgg cag cgt ctc ctt   480
83 Gln Gln Ile Pro Ser Leu Ser Pro Ser Gln Pro Trp Gln Arg Leu Leu
84      125                 130                 135
86 ctc cgc ttc aaa atc ctt cgc agc ctc cag gcc ttt gtg gct gta gcc   528
87 Leu Arg Phe Lys Ile Leu Arg Ser Leu Gln Ala Phe Val Ala Val Ala
88 140                 145                 150                 155
90 gcc cgg gtc ttt gcc cat gga gca gca acc ctg agt ccc taa           570
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92                  160                 165
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101 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Homo
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109  -5             -1   1                   5                  10
111 Cys Gln Gln Leu Ser Gln Lys Leu Cys Thr Leu Ala Trp Ser Ala His
112              15                  20                  25
114 Pro Leu Val Gly His Met Asp Leu Arg Glu Glu Gly Asp Glu Glu Thr
115          30                  35                  40
117 Thr Asn Asp Val Pro His Ile Gln Cys Gly Asp Gly Cys Asp Pro Gln
118      45                  50                  55
120 Gly Leu Arg Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile His Gln Gly
121  60                  65                  70                  75
123 Leu Ile Phe Tyr Glu Lys Leu Leu Gly Ser Asp Ile Phe Thr Gly Glu
124                  80                  85                  90
126 Pro Ser Leu Leu Pro Asp Ser Pro Val Ala Gln Leu His Ala Ser Leu
127                  95                 100                 105
129 Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Gly His His Trp Glu Thr
130          110                 115                 120
132 Gln Gln Ile Pro Ser Leu Ser Pro Ser Gln Pro Trp Gln Arg Leu Leu
133      125                 130                 135
135 Leu Arg Phe Lys Ile Leu Arg Ser Leu Gln Ala Phe Val Ala Val Ala
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RAW SEQUENCE LISTING DATE: 09/27/2000
PATENT APPLICATION: US/09/658,699 TIME: 09:59:26

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Output Set: N:\CRF3\09272000\I658699.raw

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148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Mus sp.
151 <220> FEATURE:
152 <221> NAME/KEY: CDS
153 <222> LOCATION: (113)..(700)
155 <220> FEATURE:
156 <221> NAME/KEY: mat_peptide
157 <222> LOCATION: (176)..(700)
159 <400> SEQUENCE: 3
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162 caggcctggt gcagatcaca gagccagcca gatctgagaa gcagggaaca ag atg ctg 118
163                                                              Met Leu
164                                                                  -20
166 gat tgc aga gca gta ata atg cta tgg ctg ttg ccc tgg gtc act cag   166
167 Asp Cys Arg Ala Val Ile Met Leu Trp Leu Leu Pro Trp Val Thr Gln
168                 -15                 -10                 -5
170 ggc ctg gct gtg cct agg agt agc agt cct gac tgg gct cag tgc cag   214
171 Gly Leu Ala Val Pro Arg Ser Ser Ser Pro Asp Trp Ala Gln Cys Gln
172          -1   1                   5                  10
174 cag ctc tct cgg aat ctc tgc atg cta gcc tgg aac gca cat gca cca   262
175 Gln Leu Ser Arg Asn Leu Cys Met Leu Ala Trp Asn Ala His Ala Pro
176      15                  20                  25
178 gcg gga cat atg aat cta cta aga gaa gaa gag gat gaa gag act aaa   310
179 Ala Gly His Met Asn Leu Leu Arg Glu Glu Glu Asp Glu Glu Thr Lys
180  30                  35                  40                  45
182 aat aat gtg ccc cgt atc cag tgt gaa gat ggt tgt gac cca caa gga   358
183 Asn Asn Val Pro Arg Ile Gln Cys Glu Asp Gly Cys Asp Pro Gln Gly
184                  50                  55                  60
186 ctc aag gac aac agc cag ttc tgc ttg caa agg atc cgc caa ggt ctg   406
187 Leu Lys Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile Arg Gln Gly Leu
188              65                  70                  75
190 gct ttt tat aag cac ctg ctt gac tct gac atc ttc aaa ggg gag cct   454
191 Ala Phe Tyr Lys His Leu Leu Asp Ser Asp Ile Phe Lys Gly Glu Pro
192          80                  85                  90
194 gct cta ctc cct gat agc ccc atg gag caa ctt cac acc tcc cta cta   502
195 Ala Leu Leu Pro Asp Ser Pro Met Glu Gln Leu His Thr Ser Leu Leu
196      95                  100                 105
198 gga ctc agc caa ctc ctc cag cca gag gat cac ccc cgg gag acc caa   550
199 Gly Leu Ser Gln Leu Leu Gln Pro Glu Asp His Pro Arg Glu Thr Gln
200 110                 115                 120                 125
202 cag atg ccc agc ctg agt tct agt cag cag tgg cag cgc ccc ctt ctc   598
203 Gln Met Pro Ser Leu Ser Ser Ser Gln Gln Trp Gln Arg Pro Leu Leu
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RAW SEQUENCE LISTING DATE: 09/27/2000
PATENT APPLICATION: US/09/658,699 TIME: 09:59:26

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Output Set: N:\CRF3\09272000\I658699.raw

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208             145                 150                 155
210 cgg gtc ttt gcc cac gga gca gca act ctg act gag ccc tta gtg cca   694
211 Arg Val Phe Ala His Gly Ala Ala Thr Leu Thr Glu Pro Leu Val Pro
212         160                 165                 170
214 aca gct taaggatgcc caggttccca tggctaccat gataagacta atctatcagc    750
215 Thr Ala
216     175
218 ccagacatct accagttaat taacccatta ggacttgtgc tgttcttgtt tcgtttgttt 810
220 tgcgtgaagg gcaaggacac cattattaaa gagaaaagaa acaaacccca gagcaggcag 870
222 ctggctagag aaaggagctg gagaagaaga ataaagtctc gagcccttgg ccttggaagc 930
224 gggcaagcag ctgcgtggcc tgaggggaag ggggcggtgg catcgagaaa ctgtgagaaa 990
226 acccagagca tcagaaaaag tgagcccagg ctttggccat tatctgtaag aaaaacaaga 1050
228 aaaggggaac attatacttt cctgggtggc tcagggaaat gtgcagatgc acagtactcc 1110
230 agacagcagc tctgtacctg cctgctctgt ccctcagttc taacagaatc tagtcactaa 1170
232 gaactaacag gactaccaat acgaactgac aaa                              1203
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236 <211> LENGTH: 196
237 <212> TYPE: PRT
238 <213> ORGANISM: Unknown Organism
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Mus sp.
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247 Thr Gln Gly Leu Ala Val Pro Arg Ser Ser Ser Pro Asp Trp Ala Gln
248  -5                  -1   1                   5                  10
250 Cys Gln Gln Leu Ser Arg Asn Leu Cys Met Leu Ala Trp Asn Ala His
251              15                  20                  25
253 Ala Pro Ala Gly His Met Asn Leu Leu Arg Glu Glu Glu Asp Glu Glu
254          30                  35                  40
256 Thr Lys Asn Asn Val Pro Arg Ile Gln Cys Glu Asp Gly Cys Asp Pro
257      45                  50                  55
259 Gln Gly Leu Lys Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile Arg Gln
260  60                  65                  70                  75
262 Gly Leu Ala Phe Tyr Lys His Leu Leu Asp Ser Asp Ile Phe Lys Gly
263                  80                  85                  90
265 Glu Pro Ala Leu Leu Pro Asp Ser Pro Met Glu Gln Leu His Thr Ser
266              95                  100                 105
268 Leu Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Asp His Pro Arg Glu
269         110                 115                 120
271 Thr Gln Gln Met Pro Ser Leu Ser Ser Ser Gln Gln Trp Gln Arg Pro
272     125                 130                 135
274 Leu Leu Arg Ser Lys Ile Leu Arg Ser Leu Gln Ala Phe Leu Ala Ile
275 140                 145                 150                 155
277 Ala Ala Arg Val Phe Ala His Gly Ala Ala Thr Leu Thr Glu Pro Leu
278                 160                 165                 170
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RAW SEQUENCE LISTING DATE: 09/27/2000
PATENT APPLICATION: US/09/658,699 TIME: 09:59:26

Input Set : A:\Cpg.pto
Output Set: N:\CRF3\09272000\I658699.raw

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287 <212> TYPE: PRT
288 <213> ORGANISM: Unknown Organism
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Sus sp.
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298              20                  25                  30
300 Ser Val Gly Gln Leu His Ala Ser Leu Leu Gly Leu Arg Gln Leu Leu
301          35                  40                  45
303 Gln Pro Glu Gly His His Trp Glu Thr Glu Gln Thr Pro Ser Pro Ser
304      50                  55                  60
306 Pro Ser Gln Pro Trp Gln Arg Leu Leu Leu Arg Leu Lys Ile Leu Arg
307  65                  70                  75                  80
309 Ser Leu Gln Ala Phe Val Ala Val Ala Ala Arg Val Phe Ala His Gly
310                  85                  90                  95
312 Ala Ala Thr Leu Ser Gln
313             100
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VERIFICATION SUMMARY DATE: 09/27/2000
PATENT APPLICATION: US/09/658,699 TIME: 09:59:27

Input Set : A:\Cpg.pto
Output Set: N:\CRF3\09272000\I658699.raw

L:15 M:270 C: Current Application Number differs, Replaced Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

RAW SEQUENCE LISTING DATE: 09/22/2000
PATENT APPLICATION: US/09/658,699 TIME: 15:01:35

Input Set : A:\DX01042X US sequence listing.txt
Output Set: N:\CRF3\09222000\I658699.raw

Does Not Comply
Corrected Diskette Needed
pp. 2, 4

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      3 <110> APPLICANT: De Waal Malefyt, Rene
      4       Kastelein, Robert A.
      5       Lira, Sergio A.
      6       Narula, Satwant
      7       Oppmann, Birgit
      8       Rennick, Donna M.
      9       Wiekowski, Maria
     11 <120> TITLE OF INVENTION: Mammalian Cytokines; Related Reagents and Methods
     13 <130> FILE REFERENCE: DX01042X US
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/658,699
C--> 16 <141> CURRENT FILING DATE: 2000-09-08
     18 <150> PRIOR APPLICATION NUMBER: 09/393,090
     19 <151> PRIOR FILING DATE: 1999-09-09
     21 <150> PRIOR APPLICATION NUMBER: 60/164,616
     22 <151> PRIOR FILING DATE: 1999-11-10
     24 <160> NUMBER OF SEQ ID NOS: 5
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     37 <220> FEATURE:
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     43 <222> LOCATION: (64)..(567)
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     51 Ala Gln Gly Arg Ala Val Pro Gly Gly Ser Ser Pro Ala Trp Thr Gln
     52  -5              -1   1               5                  10
     54 tgc cag cag ctt tca cag aag ctc tgc aca ctg gcc tgg agt gca cat   144
     55 Cys Gln Gln Leu Ser Gln Lys Leu Cys Thr Leu Ala Trp Ser Ala His
     56              15                  20                  25
     58 cca cta gtg gga cac atg gat cta aga gaa gag gga gat gaa gag act   192
     59 Pro Leu Val Gly His Met Asp Leu Arg Glu Glu Gly Asp Glu Glu Thr
     60          30                  35                  40
     62 aca aat gat gtt ccc cat atc cag tgt gga gat ggc tgt gac ccc caa   240
     63 Thr Asn Asp Val Pro His Ile Gln Cys Gly Asp Gly Cys Asp Pro Gln
     64      45                  50                  55
     66 gga ctc agg gac aac agt cag ttc tgc ttg caa agg atc cac cag ggt   288
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67 Gly Leu Arg Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile His Gln Gly
68  60                  65                  70                  75
70 ctg att ttt tat gag aag ctg cta gga tcg gat att ttc aca ggg gag   336
71 Leu Ile Phe Tyr Glu Lys Leu Leu Gly Ser Asp Ile Phe Thr Gly Glu
72   .                 80                  85                  90
74 cct tct ctg ctc cct gat agc cct gtg gcg cag ctt cat gcc tcc cta   384
75 Pro Ser Leu Leu Pro Asp Ser Pro Val Ala Gln Leu His Ala Ser Leu
76              95                 100                 105
78 ctg ggc ctc agc caa ctc ctg cag cct gag ggt cac cac tgg gag act   432
79 Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Gly His His Trp Glu Thr
80         110                 115                 120
82 cag cag att cca agc ctc agt ccc agc cag cca tgg cag cgt ctc ctt   480
83 Gln Gln Ile Pro Ser Leu Ser Pro Ser Gln Pro Trp Gln Arg Leu Leu
84     125                 130                 135
86 ctc cgc ttc aaa atc ctt cgc agc ctc cag gcc ttt gtg gct gta gcc    528
87 Leu Arg Phe Lys Ile Leu Arg Ser Leu Gln Ala Phe Val Ala Val Ala
88 140                 145                 150                 155
90 gcc cgg gtc ttt gcc cat gga gca gca acc ctg agt ccc taa           570
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96 <211> LENGTH: 189
97 <212> TYPE: PRT
98 <213> ORGANISM: Unknown Organism
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99 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Homo
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107  -5                  -1   1                   5                  10
109 Cys Gln Gln Leu Ser Gln Lys Leu Cys Thr Leu Ala Trp Ser Ala His
110              15                  20                  25
112 Pro Leu Val Gly His Met Asp Leu Arg Glu Glu Gly Asp Glu Glu Thr
113          30                  35                  40
115 Thr Asn Asp Val Pro His Ile Gln Cys Gly Asp Gly Cys Asp Pro Gln
116      45                  50                  55
118 Gly Leu Arg Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile His Gln Gly
119  60                  65                  70                  75
121 Leu Ile Phe Tyr Glu Lys Leu Leu Gly Ser Asp Ile Phe Thr Gly Glu
122                  80                  85                  90
124 Pro Ser Leu Leu Pro Asp Ser Pro Val Ala Gln Leu His Ala Ser Leu
125              95                 100                 105
127 Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Gly His His Trp Glu Thr
128         110                 115                 120
130 Gln Gln Ile Pro Ser Leu Ser Pro Ser Gln Pro Trp Gln Arg Leu Leu
131     125                 130                 135
133 Leu Arg Phe Lys Ile Leu Arg Ser Leu Gln Ala Phe Val Ala Val Ala
134 140                 145                 150                 155
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<220> feature is required here.

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146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Mus sp.
149 <220> FEATURE:
150 <221> NAME/KEY: CDS
151 <222> LOCATION: (113)..(700)
153 <220> FEATURE:
154 <221> NAME/KEY: mat_peptide
155 <222> LOCATION: (176)..(700)
157 <400> SEQUENCE: 3
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161                                                          Met Leu
162                                                              -20
164 gat tgc aga gca gta ata atg cta tgg ctg ttg ccc tgg gtc act cag   166
165 Asp Cys Arg Ala Val Ile Met Leu Trp Leu Leu Pro Trp Val Thr Gln
166              -15                 -10                 -5
168 ggc ctg gct gtg cct agg agt agc agt cct gac tgg gct cag tgc cag   214
169 Gly Leu Ala Val Pro Arg Ser Ser Ser Pro Asp Trp Ala Gln Cys Gln
170          -1   1                   5                  10
172 cag ctc tct cgg aat ctc tgc atg cta gcc tgg aac gca cat gca cca   262
173 Gln Leu Ser Arg Asn Leu Cys Met Leu Ala Trp Asn Ala His Ala Pro
174      15                  20                  25
176 gcg gga cat atg aat cta cta aga gaa gaa gag gat gaa gag act aaa   310
177 Ala Gly His Met Asn Leu Leu Arg Glu Glu Glu Asp Glu Glu Thr Lys
178  30                  35                  40                  45
180 aat aat gtg ccc cgt atc cag tgt gaa gat ggt tgt gac cca caa gga   358
181 Asn Asn Val Pro Arg Ile Gln Cys Glu Asp Gly Cys Asp Pro Gln Gly
182                  50                  55                  60
184 ctc aag gac aac agc cag ttc tgc ttg caa agg atc cgc caa ggt ctg   406
185 Leu Lys Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile Arg Gln Gly Leu
186              65                  70                  75
188 gct ttt tat aag cac ctg ctt gac tct gac atc ttc aaa ggg gag cct   454
189 Ala Phe Tyr Lys His Leu Leu Asp Ser Asp Ile Phe Lys Gly Glu Pro
190          80                  85                  90
192 gct cta ctc cct gat agc ccc atg gag caa ctt cac acc tcc cta cta   502
193 Ala Leu Leu Pro Asp Ser Pro Met Glu Gln Leu His Thr Ser Leu Leu
194      95                  100                 105
196 gga ctc agc caa ctc ctc cag cca gag gat cac ccc cgg gag acc caa   550
197 Gly Leu Ser Gln Leu Leu Gln Pro Glu Asp His Pro Arg Glu Thr Gln
198 110                 115                 120                 125
200 cag atg ccc agc ctg agt tct agt cag cag tgg cag cgc ccc ctt ctc   598
201 Gln Met Pro Ser Leu Ser Ser Ser Gln Gln Trp Gln Arg Pro Leu Leu
202                 130                 135                 140
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206             145                 150                 155
208 cgg gtc ttt gcc cac gga gca gca act ctg act gag ccc tta gtg cca   694
209 Arg Val Phe Ala His Gly Ala Ala Thr Leu Thr Glu Pro Leu Val Pro
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213 Thr Ala
214     175
216 ccagacatct accagttaat taacccatta ggacttgtgc tgttcttgtt tcgtttgttt 810
218 tgcgtgaagg gcaaggacac cattattaaa gagaaaagaa acaaacccca gagcaggcag 870
220 ctggctagag aaaggagctg gagaagaaga ataaagtctc gagcccttgg ccttggaagc 930
222 gggcaagcag ctgcgtggcc tgaggggaag ggggcggtgg catcgagaaa ctgtgagaaa 990
224 acccagagca tcagaaaaag tgagcccagg ctttggccat tatctgtaag aaaaacaaga 1050
226 aaaggggaac attatacttt cctgggtggc tcagggaaat gtgcagatgc acagtactcc 1110
228 agacagcagc tctgtacctg cctgctctgt ccctcagttc taacagaatc tagtcactaa 1170
230 gaactaacag gactaccaat acgaactgac aaa                              1203
233 <210> SEQ ID NO: 4
234 <211> LENGTH: 196
235 <212> TYPE: PRT
236 <213> ORGANISM: Unknown Organism
W--> 237 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Mus sp.
239 <400> SEQUENCE: 4
240 Met Leu Asp Cys Arg Ala Val Ile Met Leu Trp Leu Leu Pro Trp Val
241     -20                 -15                 -10
243 Thr Gln Gly Leu Ala Val Pro Arg Ser Ser Ser Pro Asp Trp Ala Gln
244  -5              -1   1                   5                  10
246 Cys Gln Gln Leu Ser Arg Asn Leu Cys Met Leu Ala Trp Asn Ala His
247              15                  20                  25
249 Ala Pro Ala Gly His Met Asn Leu Leu Arg Glu Glu Glu Asp Glu Glu
250          30                  35                  40
252 Thr Lys Asn Asn Val Pro Arg Ile Gln Cys Glu Asp Gly Cys Asp Pro
253      45                  50                  55
255 Gln Gly Leu Lys Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile Arg Gln
256  60                  65                  70                  75
258 Gly Leu Ala Phe Tyr Lys His Leu Leu Asp Ser Asp Ile Phe Lys Gly
259                  80                  85                  90
261 Glu Pro Ala Leu Leu Pro Asp Ser Pro Met Glu Gln Leu His Thr Ser
262              95                  100                 105
264 Leu Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Asp His Pro Arg Glu
265          110                 115                 120
267 Thr Gln Gln Met Pro Ser Leu Ser Ser Ser Gln Gln Trp Gln Arg Pro
268      125                 130                 135
270 Leu Leu Arg Ser Lys Ile Leu Arg Ser Leu Gln Ala Phe Leu Ala Ile
271 140                 145                 150                 155
273 Ala Ala Arg Val Phe Ala His Gly Ala Ala Thr Leu Thr Glu Pro Leu
274                 160                 165                 170
276 Val Pro Thr Ala
```

<220> feature is required here

277 175
281 <210> SEQ ID NO: 5
282 <211> LENGTH: 102
283 <212> TYPE: PRT
284 <213> ORGANISM: Unknown Organism
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Unknown Organism: surmised Sus sp.
289 <400> SEQUENCE: 5
290 Ser Cys Leu Gln Arg Ile His Gln Gly Leu Val Phe Tyr Glu Lys Leu
291 1 5 10 15
293 Leu Gly Ser Asp Ile Phe Thr Gly Glu Pro Ser Leu His Pro Asp Gly
294 20 25 30
296 Ser Val Gly Gln Leu His Ala Ser Leu Leu Gly Leu Arg Gln Leu Leu
297 35 40 45
299 Gln Pro Glu Gly His His Trp Glu Thr Glu Gln Thr Pro Ser Pro Ser
300 50 55 60
302 Pro Ser Gln Pro Trp Gln Arg Leu Leu Leu Arg Leu Lys Ile Leu Arg
303 65 70 75 80
305 Ser Leu Gln Ala Phe Val Ala Val Ala Ala Arg Val Phe Ala His Gly
306 85 90 95
308 Ala Ala Thr Leu Ser Gln
309 100

VERIFICATION SUMMARY DATE: 09/22/2000
PATENT APPLICATION: US/09/658,699 TIME: 15:01:36

Input Set : A:\DX01042X US sequence listing.txt
Output Set: N:\CRF3\09222000\I658699.raw

L:15 M:270 C: Current Application Number differs, Replaced Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:99 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:237 M:258 W: Mandatory Feature missing, <220> FEATURE: